

What is claimed is:

1. A method for controlling a home network, comprising the steps of:

ascertaining whether or not a new control menu exists by using the Internet;

if the new control menu exists, downloading the new control menu and adding the downloaded new control menu to an old control menu list; and

downloading corresponding control programs using the added new control menu.

2. The method claimed as claim 1, wherein if the new control menu is not contained in the old control menu list, the new control menu is considered as a new menu.

3. The method claimed as claim 1, wherein if the new control menu is an upgraded version, the new control menu is considered as a new menu even when the new control menu is contained in the old control menu list.

4. The method claimed as claim 1, wherein the control program is downloaded when a user selects the added new control menu.

5. The method claimed as claim 1, wherein the control program is downloaded when a user selects an auto mode.

6. The method as claimed as claim 1, wherein the downloaded control program is stored.

7. A method for controlling a home network, comprising the steps of:

ascertaining whether or not a new control menu exists by using the Internet; and

if the new control menu exists, downloading the new control menu and a corresponding control program.

8. The method claimed as claim 7, wherein if the new control menu is not contained in the old control menu list, the new control menu is considered as a new menu.

9. The method claimed as claim 7, wherein if the new control menu is an upgraded version, the new control menu is considered as a new menu even when the new control menu is contained in the old control menu list.

10. A method for controlling a home network, comprising the steps of:

a) ascertaining whether or not new control menus for equipments exist by using the Internet;

b) if the new control menus for the equipments exist, downloading the new control menus and adding the downloaded new control menus to old control menu lists according to the equipments;

c) downloading corresponding programs using the added new control menus; and

d) providing the downloaded new control menus to the corresponding equipments.

11. The method claimed as claim 10, wherein the

respective equipments carry out the steps a) to d).

12. The method claimed as claim 10, wherein the old control menu lists are shared between the respective equipments.

13. The method claimed as claim 10, wherein the control programs that are not provided to the respective equipments are stored into the equipments that carry out the steps a) to d).

14. A method for controlling a home network, comprising the steps of:

a) ascertaining whether or not new control menus for equipments exist by using the Internet;

b) if the new control menus for the equipments exist, downloading the new control menus and corresponding control programs; and

c) providing the downloaded control programs to the corresponding equipments.

15. The method claimed as claim 14, wherein the respective equipments carry out the steps a) to c).

16. The method claimed as claim 14, wherein the old control menu lists are shared between the respective equipments.

17. The method claimed as claim 14, wherein the control programs that are not provided to the respective equipments are stored into the equipments that carry out the steps a) to c).

18. A system for controlling a home network, comprising:

means for ascertaining whether or not a new control menu exists by using the Internet;

means for downloading the new control menu and adding the downloaded new control menu to an old control menu list, in case the new control menu exists; and

means for downloading corresponding control programs using the added new control menu.

19. A system for controlling a home network, comprising:

means for ascertaining whether or not a new control menu exists by using the Internet; and

means for downloading the new control menu and a corresponding control program, in case the new control menu exists.

20. A system for controlling a home network, comprising:

first means for ascertaining whether or not new control menus for equipments exist by using the Internet;

second means for downloading the new control menus and adding the downloaded new control menus to old control menu lists according to the equipments, in case the new control menus for the equipments exist,;

third means for downloading corresponding programs using the added new control menus; and

fourth means for providing the downloaded new control menus to the corresponding equipments.

21. The system claimed as claim 20, wherein the respective equipments comprises the first means to the fourth means.

22. The system claimed as claim 20, wherein the old control menu lists are shared between the respective equipments.

23. A system for controlling a home network, comprising:
first means for ascertaining whether or not new control menus for equipments exist by using the Internet;

second means for downloading the new control menus and corresponding control programs, in case the new control menus for the equipments exist; and

third means for providing the downloaded control programs to the corresponding equipments.

24. The system claimed as claim 23, wherein the respective equipments comprises the first means to the fourth means.

25. The system claimed as claim 23, wherein the old control menu lists are shared between the respective equipments.

26. A home network apparatus including the Internet network and a home network, the home network being provided with information via the Internet network, wherein the home network includes:

a power line for supplying communication signals, control signals and power source; and

a plurality of equipments connected to the power line and having the Internet function and an on-screen function, the equipments downloading control menus and corresponding control programs from the Internet network by using the Internet

function, control menu lists with the control menus being displayed on screen by using the on-screen function,

whereby the plurality of equipments download only their own corresponding control programs through the Internet network.

27. A home network apparatus, the home network apparatus including the Internet network and a home network receiving information through the Internet network, the home network apparatus comprising:

a power line for supplying communication signals, control signals and power source;

a plurality of equipments connected to the power line and having the Internet function and an on-screen function, the equipments downloading control menus and corresponding control programs from the Internet network by using the Internet function, control menu lists with the control menus being displayed on screen by using the on-screen function; and

a menu manager for storing the control menu lists, registering the downloaded control menu as a new control menu item into the control menu list, and providing the control menu lists to the respective equipments by request,

wherein the plurality of equipments download through the Internet network the control programs for other equipments as well as their own control programs.

28. The home network apparatus claimed in claim 27, wherein the menu manager manages the control menu lists for the equipments through a sharing of the menu lists.